

Vol. 86, No. 44 Cambridge, Mass., Tuesday, Nov. 8, 1966 5c

Greeley featured at 'Encounter;' admission procedure discussed

By Mark Bolotin
Prof. Roland B. Greeley, Director of Admissions, was the featured guest at Thursday's informal lunchtime 'Encounter,' which attracted about forty people. The majority of the questions directed towards Prof. Greeley concerned the methods of selection of incoming students and evaluation of these methods.

Computer analysis
He explained that all applicants were plotted on a graph according to a computer's analysis of their records and an evaluation of personal data by at least two

readers. Those applicants rating high in both categories are immediately selected, while those low in both are eliminated from further consideration. The remaining applicants' records are then individually considered, as the committee looks for positive reasons for admitting the person—a person who would be "most interesting to have on campus"—rather than seek possible reasons for refusing admission.

The computer analysis used for evaluation is the estimated odds that the applicant will get a 3.2 (Please turn to Page 3)

Vice President Spotlight

Research Administration

(This is the third of a series of six articles based on interviews with each of the Vice Presidents of MIT.)

By John Corwin
Dr. Carl F. Floe, MIT's Vice-President, Research Administration, has general jurisdiction of the Division of Sponsored Research, and works closely with other members of the faculty and administration in determining policies governing sponsored research at the Institute.

"Last year," reports Dr. Floe, "MIT received over \$40,000,000 for research purposes from corporations, foundations, and the government." These grants are received into accounts at the Treasurer's Office under the name of the DSR, one of three organizations directly responsible to Dr. Floe. (The directors of the Summer session and of the Libraries' also report to Dr. Floe.)

Research Procedure
The motivation for research is typically generated by a faculty member who desires financial support for his research. He will write up a proposal, including a description of his work and a budget showing estimated costs and submit this proposal to his Department Head. The proposal then travels first to the Dean of the particular school for approval, and finally to the Vice-President.

In some cases groups of professors are supported collectively in a single administrative unit, as in the case of the more

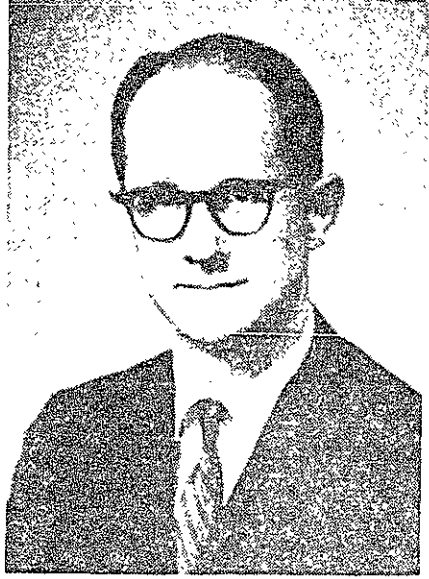
Dr. Robert A. Alberty, now dean of the Graduate School at the University of Wisconsin, has been appointed dean of the School of Science, according to an announcement by Dr. Jerome B. Wiesner, provost. The appointment, effective February 1, also includes an appointment as professor of chemistry.

To Succeed Wiesner
Dr. Alberty will succeed Dr. Wiesner, who has been acting dean since his retirement as dean in July to become provost.

President Howard W. Johnson, in commenting on the appointment said, "Dr. Alberty's distinguished record as a researcher in biological chemistry, a teacher,

and an administrator indicates the quality of leadership he will bring in continuing and broadening the role of science at the Institute."

Education
Dr. Alberty received the BS and MS degrees from the University of Nebraska in 1943 and 1944. He then went to the University of Wisconsin to engage in war-time work on the fractionation of plasma proteins, and in 1947 received the PhD degree after further research on the electrophoresis of gamma globulins.



Dr. Robert A. Alberty
National Institutes of Health Panel for Biophysics and Biophysical Chemistry, the American Chemical Society Committee on Professional Training, the editorial board of the Journal of American Society, ACS, Sigma Xi, Phi Beta Kappa, Phi Lambda Upsilon, and Alpha Chi Sigma. He received the Eli Lilly Award in Biological Chemistry in 1955.

He is currently director of a National Academy of Sciences study of postdoctoral education in the United States. From 1938 to 1961 he was a member of the National Science Foundation Panel for Molecular Biology.

Field Day '66 to be held Friday

By Dean Roller
Field Day 1966, to be held Friday will highlight a smattering of the new and the old.

The traditional matching of the Freshman Class against the Sophomore Class will feature new contests of wit and strength such as the Bed Marathon, Tank Movements, Nursing Corps Training, and Discipline Maneuvers, as well as such established events as the Tug-of-War and the exciting Glove Fight. In addition, this year's event sets precedent as being the first contest to be held on a Friday.

The theme of this year's Field Day is that of war game exercises by Galactic rivals on Venus, and wherever possible this theme is to be worked into each class's costuming and construction.

All participants are urged to wear their classes colors—green for the class of '70 and blue for the class of '69—as well as the mandatory nameplate which must be affixed to the back of each competitor.

Competition will begin promptly at 10 a.m. on Briggs Field.

Worked Under Pauling
Dr. Alberty's research has been concerned with enzyme kinetics, deuterium tracer experiments, nuclear magnetic resonance, and very fast reactions in solution. It also includes work on the physical chemistry of enzymes under Professor Linus Pauling as a Guggenheim Fellow at Caltech.

Dr. Alberty is co-author, with Professor Farrington Daniels, of "Physical Chemistry" (third edition, 1966) and, with Professors Daniels, Williams, Bender, and Cornwell, of "Experimental Physical Chemistry" (sixth edition, 1962).

Honors Awarded
He is a member of the National Academy of Sciences, the

\$60,000 award

Chemistry Nobel Prize goes to ex-undergraduate

By Gerry Banner
Dr. Robert S. Mulliken '17 is described by Professor Emeritus Ernest H. Huntress as "a dreamer, the kind who would go off in a corner and come back with a theory all worked out."

It was for some of these theories that Mulliken was awarded the Nobel Prize in Chemistry last week.



Mulliken, Professor of Chemistry at the University of Chicago, was cited by the Royal Academy of Sciences in Sweden for his theoretical studies, beginning in the 1920's, of the chemical bond that holds atoms together in a molecule.

His prize includes a cash award of the equivalent of \$60,000.

Importance of theory
The academy states that Mulliken's work had opened the way for studies on molecules "inaccessible to experiments, such as compounds of importance to the life processes."

Professor Erik Rudberg, the academy spokesman who made the announcement, went on to say that the studies could help pioneer work on aspects on substances as proteins, enzymes, and even viruses.

"The future significance of the Mulliken calculations may be in synthesizing new molecules through the use of computers," Rudberg also observed.

He said this all stemmed from a concept developed by Professor Mulliken that gave a new understanding of the structure of the chemical bond. The Mulliken theory is that when atoms are joined together their orbiting electrons, instead of circling the nuclei of the individual atoms, begin circling the entire molecule.

Mulliken did not prove his conclusions experimentally, Professor Rudberg said, but there now is "an ample supply of experimental data" to support them.

Father was MIT prof.
Mulliken was drawn to MIT by his father, Samuel P. Millikan '87, who was a professor of or-

Dr. Robert S. Mulliken '17, as pictured in 1917 Technique.

ganic chemistry at Tech until his death in 1935.

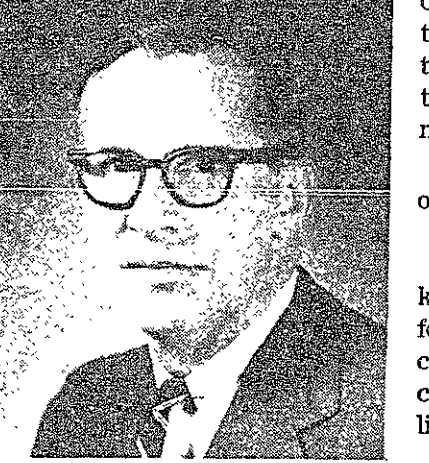
As an undergraduate Mulliken was active in the Student Chemical Society and wrote his Bachelor's thesis on "The Effect of Structure on the Activity of the Hydroxyl Group in Alcohols."

After graduating MIT in 1917, he went to the University of Chicago where he earned his PhD in 1921. He held a Guggenheim Fellowship in 1930 and 1932, working mainly in Germany, and was deeply involved during World War II with the Plutonium Project that produced the atom bomb.

Mulliken has been dubbed "Mr. Molecule" by his colleagues at Chicago, where he has been a member of the faculty since 1928.

His philosophy of science is best exemplified by a speech he made at Chicago in 1937:

"The primary objective of science, of course, is to try to find out what nature is really like; that is, to distinguish the actual universe, including mankind, from all the numberless forms the universe might conceivably have taken. In scientific research, man is engaged in a game with nature. Nature plays this game with a poker face and a certain inexorable humor. Nature calls every bluff—sooner or later."



Vice President Carl F. Floe, in Charge of Research Administration.

Goldberg delivers lecture on life of Shalom Aleichem

by Steve Carhart
Shalom Aleichem, the famous Yiddish folk writer, was the subject of a lecture delivered Sunday evening at Kresge by his son-in-law, Mr. B. Z. Goldberg. Mr. Goldberg, considered by many to be the dean of American Yiddish journalists, appeared under the auspices of the MIT Hillel Foundation. His lecture was part of the Morris Berg Memorial lecture program, under which a noted scholar appears each term to discuss some aspect of Judaism.

Comfort and Hardship
A Russian Jew living under the czars, Shalom Aleichem lived a full life which undoubtedly affected his work. He was born in 1859, and was one of twelve

children. Persecution was a way of life for him, since he received it at the hands of both his step-mother and the Russian state. Nonetheless, he bounced back to know comfort by marrying into a wealthy family. However, he lost all of his wife's inheritance in the stock market, and had to support himself through his writing. It may truly be said that Shalom Aleichem knew both comfort and hardship.

A varied life such as this could not help showing through in an author's work. Everywhere in his writings, Shalom Aleichem was influenced by the irony of the Jews' position in his day—the misery they underwent under

(Please turn to Page 7)

Research station to be established for oceanography

By Doug Wells

Culminating a study of ocean fluid dynamics, Prof. Erik L. Mollo-Christensen, Dept. of Meteorology, is establishing an oceanographic research station at the Buzzards Bay Entrance Light Tower, a few miles southwest of Cuttyhawk, Mass.

Wind tunnels used

Aided by several graduate students working on theses, he is spending most of this year designing instruments for use at the Texas-type tower next summer. Extensive use of models of the Buzzards Bay Tower in the wind tunnels here at MIT has enabled Prof. Mollo-Christensen to develop a wind tunnel profile of the tower for use in determining placement and uses of his instruments.

Discussing his experiment in an interview earlier this week, the self-labeled experimentalist explained that he was basically interested in air-sea interactions, such as transfer of heat between two mediums, and "small scale unsteady motions."

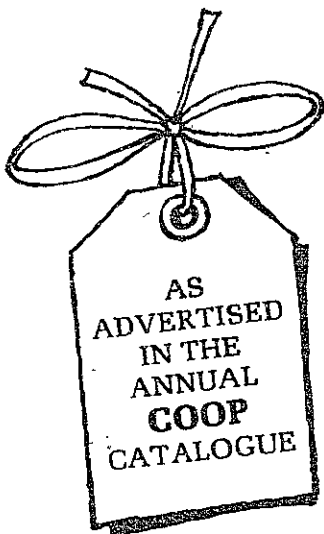
Citing the power of subsurface motions in the seas, he explained that small scale turbulences could be a factor in the movement of large ocean currents. He further noted that this type of turbulence is the main mechanism in the transport of heat and salinity between ocean levels.

Information from sea's surface

Observing that meteorology is now ready to "take advantage of increase information on the surface boundary conditions," Prof. Mollo-Christensen commented that someday we may make weather forecasts by analyzing the "weather" of the sea.



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Housewares Department

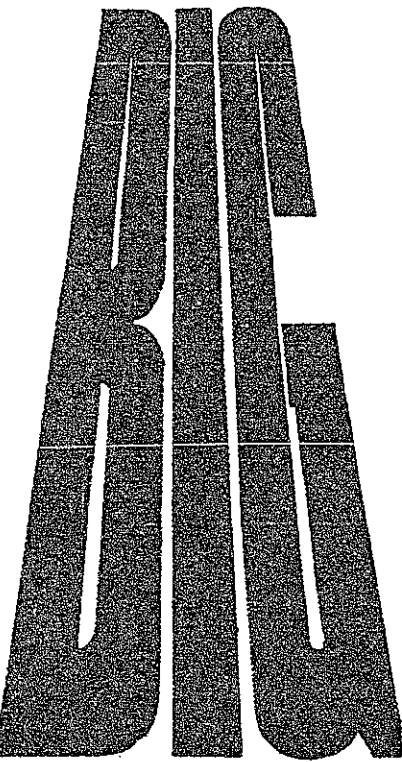
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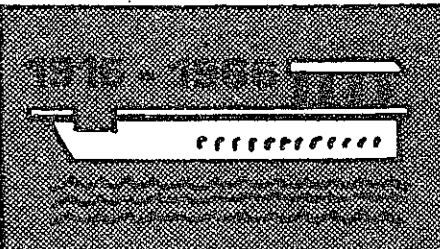
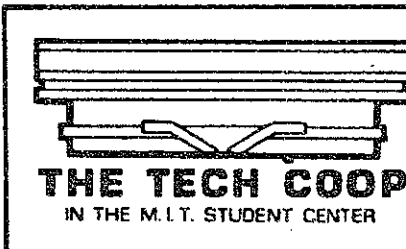
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Image influences applicants

(Continued from Page 1)
average his freshman year (not that the Admissions Office feels there is anything special about 3.2, but that this figure results in a more easily handled graph.) The data used for this analysis includes grades, college board scores, and subjects taken.

Selection of co-eds

Selection of co-eds is based on the same procedure, but due to housing considerations, they cannot be evaluated with other applicants. Also, it is felt that co-eds have a greater adjustment to make, since few of them are used to having so many boys around. Consequently, the personal evaluation takes on greater importance to determine how well the applicant might adjust to MIT.

A slightly different manner of selection has to be used for foreign students, because foreign schools do not send quite the same type information as do American and Canadian schools.

3700 apply

In this way, the 3700 applicants are narrowed down to 1400 acceptances, of whom about 925 decide to attend MIT.

Prof. Greeley explained that there is general satisfaction with this method of selection. Although about 20% of the entering freshmen fail to get their degrees from MIT within four years, this figure has been dropping steadily. Further, most of these students do get their degree from other schools. From last year's freshman class, only nine students were disqualified and 27 did not register this year, although academically eligible.

Too many tools

He added that the Admissions Office does do some recruiting in order to encourage those stu-

dents who would fit in best at MIT. He feels that "we have too high a percentage of tools," but blamed this situation on such a large percentage of applicants being interested in nothing outside of studies, rather than on any admissions procedure.

Other questions brought out the information that MIT does fairly well in attracting students who are accepted at more than one school. Harvard, Yale, Princeton, Caltech, Stanford, Radcliffe, and Swarthmore are the only colleges who get more than half of all common acceptances.

Image of liberal arts

Many other students are lost to the small liberal arts colleges. Prof. Greeley explained that the addition of a full degree in humanities might change this situation, but a greater factor is the image of the words "liberal arts" in our society.

The major attraction of MIT to prospective applicants is, of course, MIT's reputation. Other positive features are recruiting and the fraternity system, which proves to many applicants that MIT is not all work and no play.

In spite of our excellent non-scholastic facilities, such as the new Student Center, there has been no strong indication that they encourage applicants.

Smith to speak

Prof. Ross H. Smith, Director of Athletics and Head of the Athletic Department, will be guest at the next 'Encounter,' to be held in the East Lounge of the Student Center Thursday at noon under the auspices of the Student Center Committee.

The Bulletin Board

- Tuesday, November 8**
4:30 pm—Lecture: The Paradox of Modern Medicine. Speaker: David D. Rutstein, M.D. Rm. 10-250.
7:00 pm—Nihil. Student Center, East Lounge.
- Wednesday, November 9**
8:00 am—Tech Dames Bake Sale. Lobby Building 10.
5:00 pm Club Latino. Student Center, Rm. 467.
7:00 pm—Debate Society Meeting. Student Center, Rm. 473.
7:15 pm—Eta Kappa Nu Honorary Meeting. Student Center, Rm. 407.
7:30 pm—Logarithms. Student Center, East Lounge.
- Thursday, November 10**
5:00 pm Dance Class. Student Center, Rm. 407.
7:00 pm—Ashdown Dance. Student Center, Rm. 407.
7:00 pm—Gilbert & Sullivan Rehearsal. Student Center, Rm. 491.
7:30 pm—Rocket Research Society. Student Center, Rm. 467.
- Friday, November 11**
7:00 pm—LSC Movie: "Morgan." Admission .50. Rm. 26-100.
7:30 pm—Jewish Sabbath Services. MIT Chapel.
9:00 pm—Junior Prom, Formal Dance. Student Centre, Lobdell Room and Sala de Puerto Rico.
9:30 pm—LSC Movie.
- Saturday, November 12**
9:00 am—Jewish Sabbath Services. MIT Chapel.
12:00 pm—Bridge Club. Student Center, Rm. 407.
1:00 pm—Chess Club. Student Center, Rm. 491.
4:00 pm—Junior Prom. Concert: James Brown. Dupont Armory.
6:30 pm—Sangam Meeting. Student Center, Rm. 491.
7:00 pm—LSC Movie: "Hallelujah Trail". Admission .50. Rm. 26-100.
9:00 pm—Junior Prom. Rock and Roll-Blast. Dupont Armory.
9:30 pm—LSC Movie.
- Sunday, November 13**
9:15 am—Roman Catholic Mass. MIT Chapel.
10:15 am—Roman Catholic Mass. MIT Chapel.
11:00 am—Protestant Services. MIT Chapel.
12:00 pm—Technology Community Association Meeting. Student Center, East Lounge.
1:00 pm—Chess Club. Student Center, Rm. 491.
4:45 pm—Roman Catholic Mass. MIT Chapel.
7:00 pm—Lutheran Services. MIT Chapel.
8:00 pm—LSC Movie: "Fury". Admission .50. Rm. 10-250.

they can't put you up this Thanksgiving at *Maxwell's Plum* or *Friday's* in the new East-Sixties scene, or at *Arthur* or *The Rolling Stone*...but there's a place down the street that can!

THE WALDORF-ASTORIA

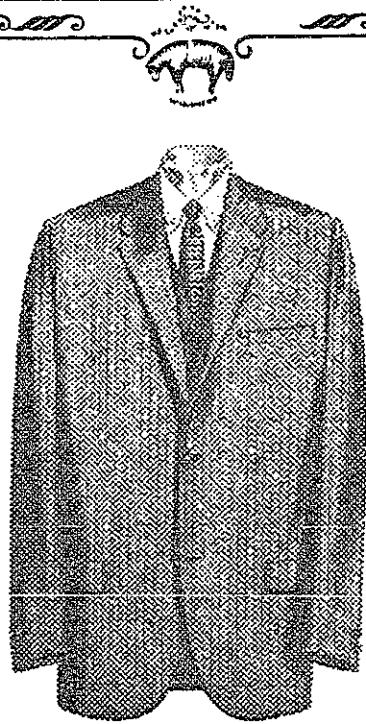
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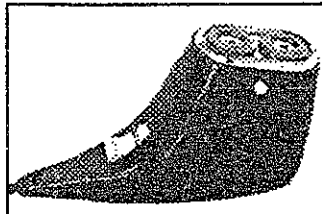
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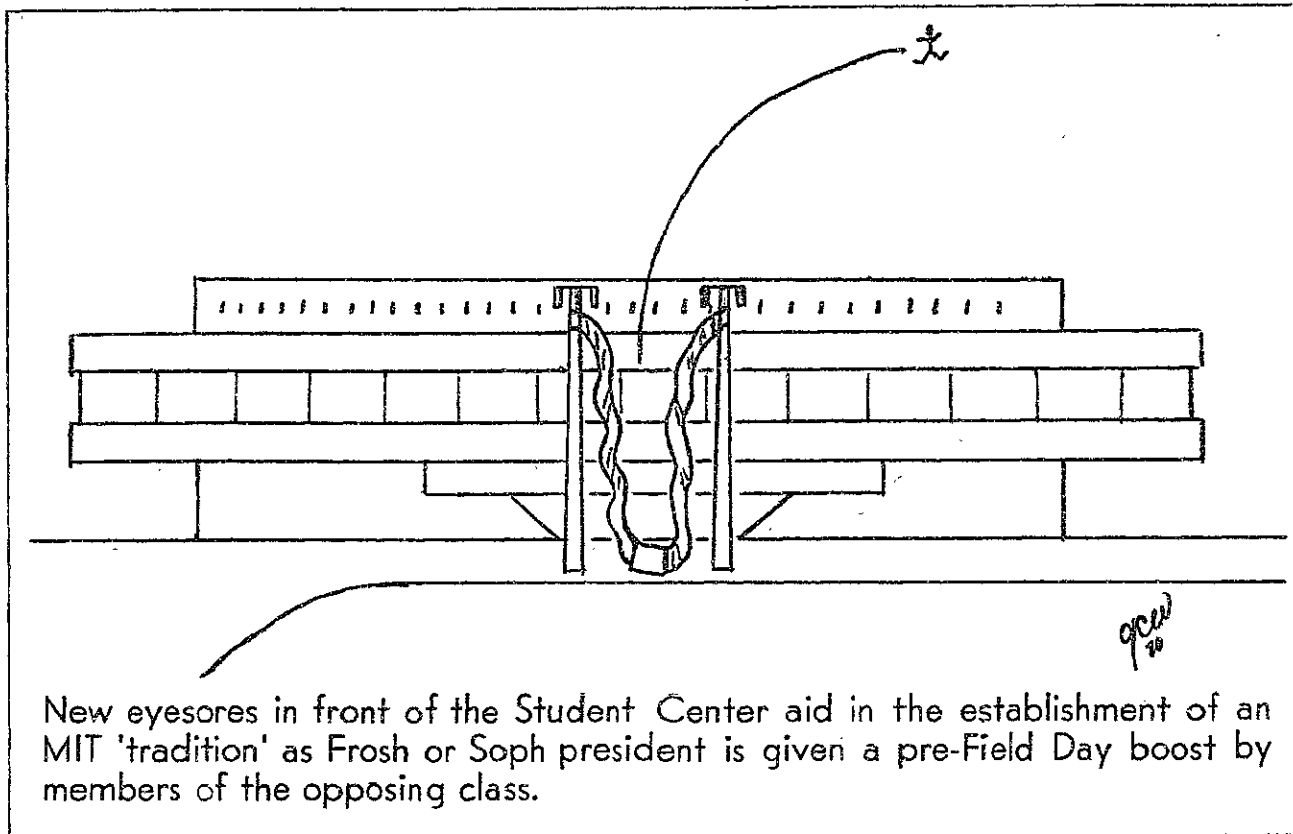
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One if by land, two if by sea



New eyesores in front of the Student Center aid in the establishment of an MIT 'tradition' as Frosh or Soph president is given a pre-Field Day boost by members of the opposing class.

Since the days of the revolution the Boston area has had a proud tradition of placing lights in high places; this tradition was not enhanced earlier this month when the long and not so eagerly awaited light poles were finally plopped down in front of the Student Center.

To say that the two muddy brown phallic symbols now standing in front of the Stratton Building are unattractive would be an understatement. They're atrocious.

So far the only two redeeming characteristics of the two poles are their rather feeble light and the amusement

they provided while teams of workmen tried every way but the right one to get them up.

We suppose that the two vertical pillars were intended to counterbalance the long horizontal impression that the south facade of the building presents. Instead it makes the whole structure appear uncertain as to whether it's coming or going.

All in all the two light poles leave us in a quandary. We simply can't decide whether they will do more damage just standing there than they would do if they're blown down by the high wind we half hope will remove them.

Doomsday prediction

Each year about this time the Editor of The Tech is faced with the unhappy prospect of turning seer and predicting which of the two underclasses will prevail in the mud and grime of Briggs Field.

Since our prediction of the Field Day winner is hardly ever right, this process has become known as bestowing the 'kiss of death' on the class we pick to be victorious.

However, in spite of our predecessors failures, we will attempt to apply

logic and reason to our selection and supply you with foreknowledge of Friday's winner.

Examining recent history, there seems to be a definite trend dominating the whole Field Day question; odd year classes do very well and even year classes do terribly. The Classes of '65 and '67 were both double winners, while the Classes of '66 and '68 were double losers.

Thus bending with the trend, we pick the Class of '69 to become the third straight odd numbered class to win two consecutive Field Days. Just for kicks, we also predict two inches of rain early Friday morning.



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Inside Inscomm

Housing conference date set; Pembroke College wants to mix

By Frank March, UAP

Plans were made for an Inscomm conference on student housing at Thursday's Institute Committee meeting. The conference, to be held December 3, will focus on the philosophy and future of student housing. An examination of the Institute as a residential campus will start the discussion, followed by an evaluation of the different types of student housing and their merits and defects. This discussion will then serve as a basis upon which to approach present planning in Institute living groups and will, in addition, afford a firm footing for consideration of the future of our housing programs.

Cherchez La Femme

A letter from the Secretary of the Class of '70 at Pembroke College crossed my desk last week. The young lady indicated that the class would like to hold a social gathering with some group here at MIT. She writes, "we are bright, beautiful, vivacious, and free on Nov. 18, 1966. We realize that this is short notice, but . . ."

Anyone interested can call Barbara Traver at 401-EL 1-2800 or write her at Woolley Hall, Pembroke College, Providence, R.I.

You had better hurry though — they have already planned to send 50 to Senior House and there aren't too many more left.

Christmas Party

The Student Center Committee has announced plans for the Sec-

ond Annual Students Christmas Party. The party, to be held from 4 to 6 December 17, will be open to the entire MIT Community. Refreshments will be provided.

Student involvement in faculty decision-making was the topic of discussion in a meeting of the General Institute Committee members with President Howard Johnson, Dean Kenneth Wadleigh, Professors Ithill, Pool, and Kindelberger. The consensus of those participating was that student involvement was desirable, and various ways of implementing participation were discussed.

Several faculty committees such as the Committee on Student Environment and the Committee on Educational Policy, are now considering the possibility of having students meet with them.

Tenure Decisions

The question of student input into tenure decisions was also discussed; it was thought that those students who had had association with a professor whose tenure was being considered should be asked to write evaluations of the ability of this professor, so that students should not participate in the decision itself.

Exeter Conference

The date of the Exeter chair over conference has been set for March 11 and 12. The conference, a gathering for the old and the new Institute Committees, will be two weeks after the class UAP elections on Feb. 28.

Kibitzer

By Mark Bolotin

This hand, taken from Saturday's duplicate game at the MIT Bridge Club, proved a pitfall to most of the declarers who played it.

The first problem many of the pairs encountered was reaching the contract of four spades. Close to half of the pairs stopped in

North		East	
♠ Q J 2		♠ 10	
♥ A 10 8		♥ K Q	
♦ K 10 7		♦ Q J 4	
♣ Q 8 4 3		♣ A J 7	
South		West	
♠ A K 9 7 6 3		♠ 8 5 4	
♥ J 4 3		♥ 6 5 2	
♦ A 9 5		♦ 8 6 3	
♣ 9		♠ K 10 5 2	

Bidding			
North	East	South	West
Pass	1 ♥	1 ♠	Pass
3 ♠	Pass	4 ♠	Pass
Pass	Pass		

Opening lead: ♥6

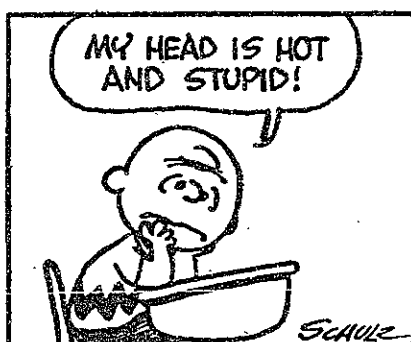
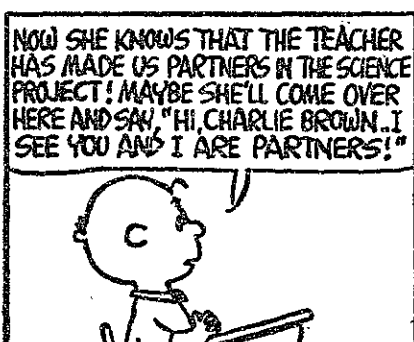
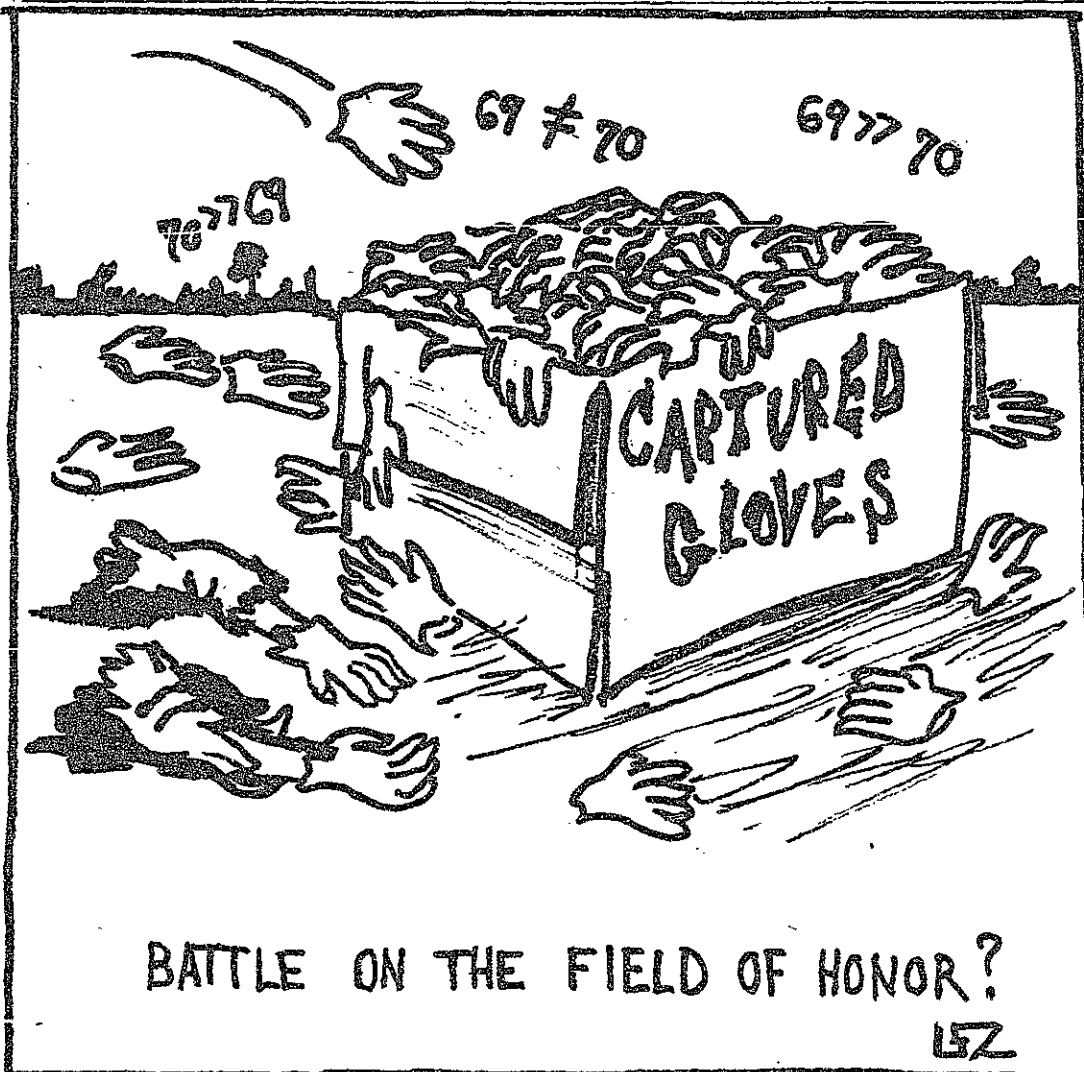
spade partials in spite of South having a sound opening with good suit and North's having maximum pass with good spade cards and moderate trump support.

Once East has been marked the bidding with most of the missing high cards, including the heart honors, declarer has many plays available. There are various squeezes and endplays possible with threats in hearts and diamonds, and maybe clubs.

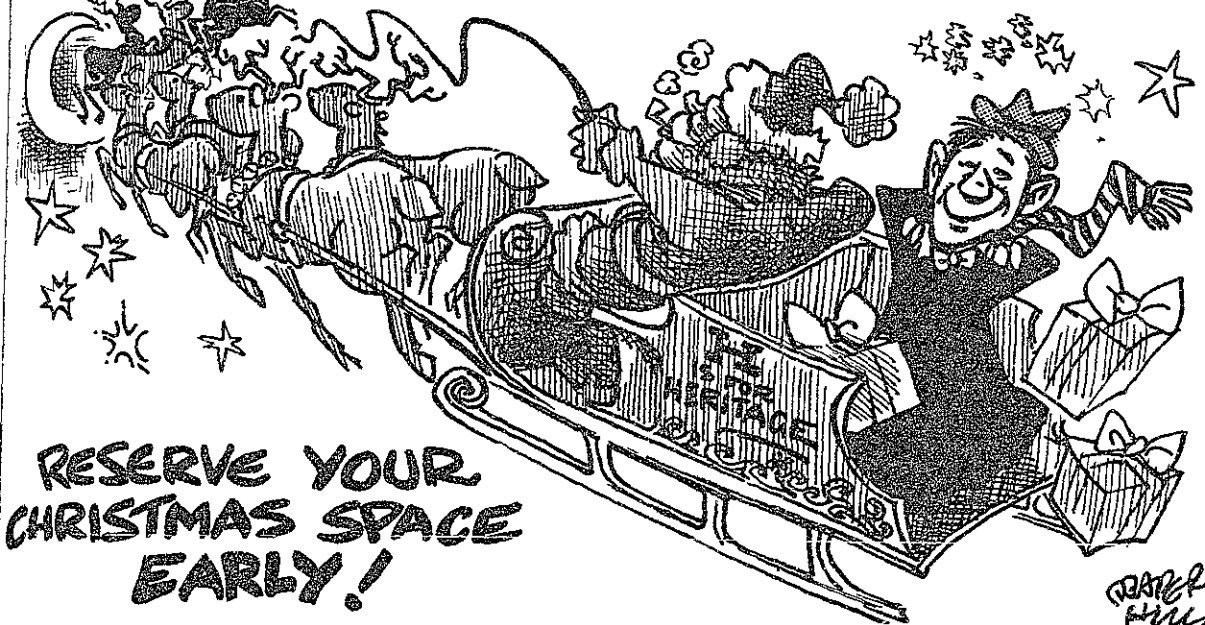
The play at one table went as follows. The opening heart lead was won by East, who exited with a trump taken by declarer. South led the club nine and let it ride to East's Jack. East evidently foresaw the eventual end-play possibility and attempted to confuse declarer by returning a diamond Jack.

In order to preserve entries in both hands, South won the trick on the board and continued ruffing a club. Declarer followed with a spade to the board, a club ruff, and a spade to the board while East discarded a diamond and the Ace of clubs.

South then led a club, on which (Please turn to Page 7)



LOOK HOMEWARD... (ANGEL?)



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Group research proposals handled by Floe's office

(Continued from Page 1)

ment organizations or to companies which seem likely to lend support; but it also keeps an ear open to news concerning what topics the government and other organizations are interested in having researched. In this way, the DSR can effectively act as a liaison for both parties.

search at MIT. For research supported by the government, the Institute will either patent the discovery in question and give the government a royalty-free license, or will simply let the government take out the patent. In cases of question, the Faculty Committee on Inventions and Copyrights determines equities.

Patent Income

Typical groups which support MIT research are the Government agencies (Department of Defense, Army, Navy, Air Force), and foundations such as the National Science Foundation and the National Institution of health, interested in basic research.

Typical income from patents totals about \$500,000 annually. Most money comes from a few patents, for MIT has a total of less than 150 patents. For example, the Forrester patent in 1956 on the "Multi-Co-ordinate Digital Information Storage Device" brought in more than \$13,000,000. Other examples of recent patents have been the Milas patents on the synthesis of vitamin A and peroxides, and the Sheehan patent on the synthesis of penicillin.

Overseas Patents

Vice President Floe is also Chairman of the MIT Patent Management Committee, a group appointed by the President to advise the Vice President on matters concerning policies on patents. The Patent Division of the DSR is responsible for ferreting out the patents developed in re-

Summer Session

The Director of the Summer Session, Professor James Austin, (XIX), is also responsible to Dr. Floe. The Summer Session is oriented towards special one to two week courses which professors volunteer to teach. These condensed versions of subject material are designed either to bring people in a certain field up to date, or to explore the frontiers of knowledge in a certain area.

Received MIT Doctorate

Dr. Floe received his bachelor's and master's degrees in 1930 and 1932 from Washington State University. He was awarded the Doctor of Science in metallurgy from MIT in 1935. After three years on the faculty of the University of Notre Dame, he returned to MIT, becoming a full professor in 1950, Assistant Provost in 1951, and Administrative Vice Chancellor in 1956.

Annual Authors' Day hosted by Tech Coop at Thursday luncheon

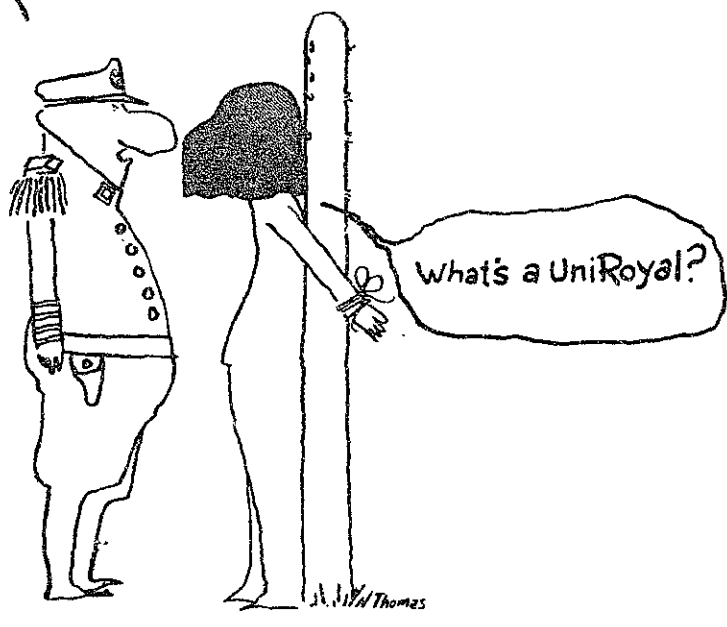
The Tech Coop was host Thursday to the annual McGraw Hill Authors' Day. Almost one hundred authors and editors from MIT whose books are published by McGraw Hill were guests at a luncheon held in the Sala de Puerto Rico at the Student Center which highlighted the day.

Many of the top executives and editors of the McGraw Hill Company and its College Division were also present at the luncheon. Missing was the President, who was delayed by fog.

The Coop displayed many of the 12 books "in press" and the 83 other books published for these authors by McGraw Hill, including books by Institute Professors Samuelson and Rossi.

After the luncheon several authors descended to the Coop to talk and answer questions about their books.

Do you have any last words?



If after all this time you still don't know what a Uniroyal is, we (the U.S. Rubber Co.) ought to be shot. Uniroyal is the new world-wide trademark of the U.S. Rubber Co. and it also replaces the dozens of different names and trademarks we've been using in 150 countries.

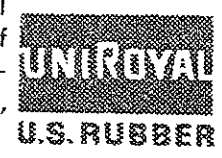
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Tires™ and Tiger Paws™) that's tougher, safer and longer-lasting than natural rubber.

Now you can see why we had to change our company's trademark—we needed a new trademark to better suit our derring-do. But we're never going to forget our forebear, the U.S. Rubber Company. Never! In fact, some of us here would feel a great deal better in our hearts if our new world trademark read, "Uniroyal, son of U.S. Rubber."



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Debate with Zinberg

Leary calls LSD 'sacrament'

By John Foran

"The only abuse of drugs is the control of drugs by other people," said Dr. Timothy Leary at the Harvard Law School Forum Friday night in Harvard's Lowell Lecture Hall. "The only control is self-control."

At its second meeting of the 1966-1967 season, the Forum's guests discussed 'LSD: Methods of Control.' The participants were Dr. Timothy Leary, of the Castilia Foundation and former Harvard professor, and Dr. Norman E. Zinberg, assistant professor of psychiatry at Harvard Medical School.

Overflow crowd attends

The lecture hall, which seats nearly eight hundred people, was not nearly large enough to accommodate the huge turnout. An overflow crowd was sent to another hall nearby to hear the forum via a public address system.

Neurological rights

Leary was basically concerned with the distinction between a man's neurological rights and his social rights. "What I feel or believe or experience," stated Leary, "is my business, and what I do is all our businesses; and reward or punish me according to whether I play the game well—ethically and rightly—or unethically."

'LSD a sacrament'

As Harvard is a secular institution, he noted, his group is a religious institution. This group views LSD as a sacrament rather than as an experiment in thrills.

"There's one uneasy borderline between what is external and what is internal, and this borderline is defined exactly by the sense organs and the skin and the introduction of external things within my own body. Consciousness is altered by physical events and physical objects, which impinge upon my sense organs, or which I introduce into my body."

"Now the name traditionally given to external objects or processes which change you internally is sacrament. Sacraments are the visible and tangible techniques for bringing you close to your own divinity."

Leary's belief is that "the realm of God is the human body. The Gates of Eden are the senses. The perimeter of Heaven is your own skin. The Temple is your body."

"The language of God is not English or Latin; the language of God is cellular and molecular."

Law recognized

Leary said he recognizes that man's external affairs must be controlled by laws; however, "anything that affects your senses... is your business. If you want to kill yourself through nicotine or cyanide, it's your business."

According to Leary, men es-

(Please turn to Page 13)

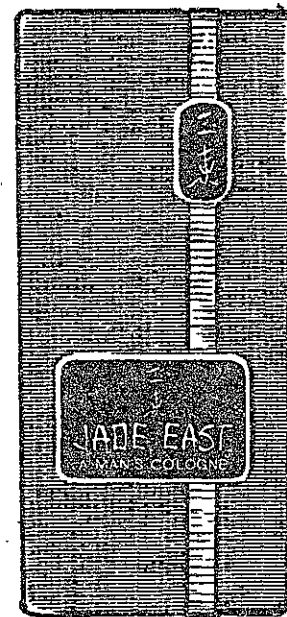
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movies . . .

Fleming spy story tries to be different

by Carl M. Abramson

Outwardly, "The Poppy is also a Flower" is a story about the cracking of a narcotics ring promising "excitement, suspense, and action;" however, despite an excellent cast, the movie becomes an unreal and obvious attempt to describe the pitiful state of addiction.

James Bond Introduction

The film's introduction is done in the same style as the latter series of Bond films — the names rolled over brightly colored semi-abstract shapes. This similarity is not unexpected, since many of the people associated with this picture were involved with the Bond pictures; notably, Terence Young, the director of both. The introduction to this picture was the best done and most enjoyable part.

The story begins in the mountains of Iran, where the purchase of a poppy crop is taking place. It is from this purchase that the entire plot develops — the tracing of the narcotics ring. The manner in which the tracing was carried out naturally involved gadgetry, due to the modern tastes and the fact that the story is based on an Ian Fleming book. Unfortunately, the gadgets were so ter-

ribly unsophisticated as to become ludicrous.

More Dramatic

The entire style of the picture is removed from the more common ones of similar content. The mood is more serious, perhaps more dramatic. The picture holds a line closer to the original Fleming, the general atmosphere is more British. The humor presented is never prolonged; indeed, throughout the film the action changes abruptly, not only in time and place but also in mood.

One of the most curious scenes, the best in the picture, exemplifies this change in mood. The scene occurs later than midway through the picture. One of the agents, through an unpredictable occurrence, is captured by the criminals whom he was trailing. This all occurs on a yacht immediately following a cocktail party. While the audience is still waiting to see how the agent will escape, the camera cuts to the chalky face of the man as he lays in the morgue where his partner is identifying him.

Differs Too Much

The film was definitely a new attempt at a game which is becoming old fast. The desired effect just did not come off. Per-

haps the reason for its failure lies in the fact that it differed too greatly from the current trend. E. G. Marshall, as a virile secret agent, still looked like a super Robert Preston. In the attempt to be different, the film became objectionably obvious. The last scene could have been about as subtle if the screen had been filled with six feet high red letters: Author's Message.

In conclusion, the film represents a new type of treatment for the "secret agent" type film. The new ideas were excellent, but were buried in a mound of faults.

Aleichem's books read throughout world

(Continued from Page 1)

a supposedly benevolent God despite their status as His people. Aleichem's stories make the reader laugh and cry at the same time as the characters take their fate and come back for more.

Rubies for the Sabbath

In one story, Aleichem starts by worrying about how he will get three rubles for the Sabbath and winds up by making plans for what he would do if he had the Rothchild fortune to end the world's misery. He comes back to earth when he realizes that he still doesn't have three rubles for the Sabbath.

So universal is the appeal of Aleichem's works that they are read in many lands despite the fact that it is virtually impossible to capture the spirit of the original in a translation from the Yiddish. The power of his stories springs from the way in which he sees no bad people — only people in bad situations which he feels they can change.

Gilbert & Sullivan Soc. presents "Gondoliers"

Tickets went on sale yesterday for "The Gondoliers," the fall production of the MIT Gilbert and Sullivan Society.

"The Gondoliers" will be in Kresge Auditorium, November 17, 18 and 19. Tickets are \$1.75 and may be obtained in Building 10 or by calling the Kresge box office, x2910.

For further information, contact either John Rudy, x3161, or Phil Davis, 254-0594.

Kibitzer . . .

(Continued from Page 4)

East sloughed a heart and South threw the Jack of hearts. West returned a heart which was won with the Ace in order to take the diamond finesse to make the contract.

By his own admission, declarer did not play the hand very well. For those interested in the more exotic aspects of the play of the hand, it would be challenging to determine if the hand can be made against any distribution of the opponents' hands that is consistent with the bidding. One play is some sort of compound squeeze or guard squeeze, with the minor suit threats split (as far as declarer can tell) and with East holding the heart threat.

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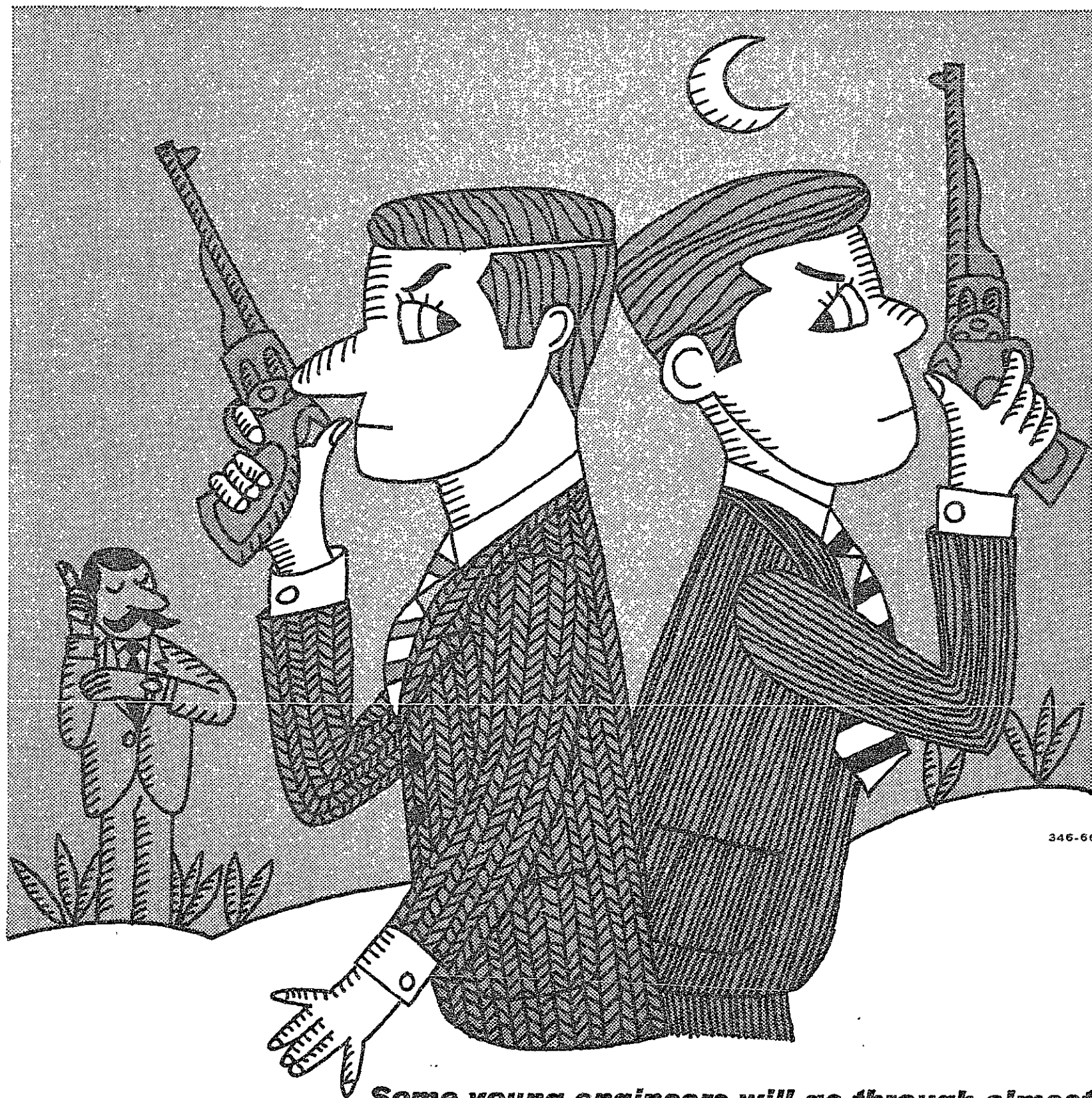
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INTERVIEWER
ON CAMPUS:

NOVEMBER
9

Weekend Lebanon seminar sponsored by Arab Club

By Carson Agnew

'Lebanon: A Case Study of Democracy and Laissez Faire' was the topic of the two day seminar held last weekend in the Student Center. Sponsored by the International Students Council and the Arab Club of MIT, the seminar included six separate meetings on various aspects of Lebanon.

The first discussion, on 'Lebanon in History,' was presented by Atif Debs. He spoke on the his-

tory of Lebanon from 3000 BC to the present Mr. Basim Musalam of Harvard then spoke on the intellectual history of Lebanon, pointing out how that country acted as a cultural intermediary between the Far East and Europe.

After lunch Dr. George Sfair of the troubled Intra Bank departed from his planned topic to speak on banking in Lebanon, telling how lack of provision for inspection might soon hamper Lebanese banks.

The last session of the day was devoted to housing problems in Lebanon. The second day focused on aspects of Lebanon abroad and democratic government at home. 'Prospects for the Future,' a discussion, closed the second days' meetings. The seminar was concluded that evening with a slide show on 'American Education in Lebanon.'

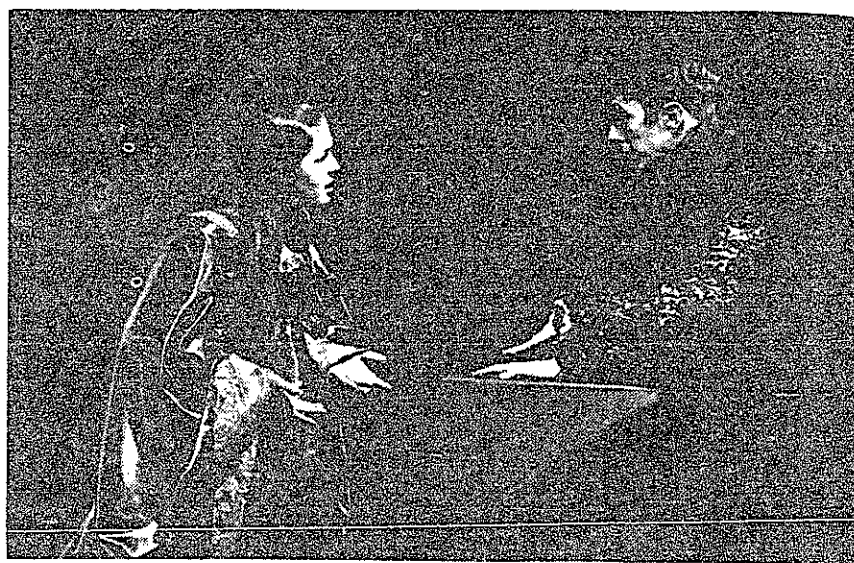
theatre...

Dramashop shows suspense and humor

The MIT Dramashop staged a wild and witty evening of one-act plays last weekend. Against a background of fine staging and even better acting, the MIT theater continues a fine season.

Action and Excitement

The first play, 'Servants of the People,' by Ferlinghetti, although only ten minutes long, provided the action and excitement of ten westerns. In portraying the tail-end of a modern inquisition in the US 'Servants' filled the theater with amplified voices, red, green, and white searchlights, frenetic people running up and down the aisles, screams, yells, whistles, and black-clothed policemen who dragged people out of the audience. Martin Donovan, as the graduate student, did a fine job of acting the part of a desperate young man trying to insert some sanity into a world gone crazy. The action whirled about him as the loudspeaker-voices and flashing lights spread around the theater tried to shout him down and unnerve him. Donovan had the lung-power to out-yell the voices but he did not have the strength to stop the black-clothed secret police who dragged him off in sight. The best hits of the verbal dueling were scored on love,



Bob Moore '68, as Don Juan, explains his views on love to the skeptical Dona Ana, played by Cindia Heppeler during the Friday and Saturday night Dramashop production of G. B. Shaw's 'Don Juan in Hell.'

The second play of the night was 'Don Juan in Hell,' from Act III of 'Man and Superman,' by George Bernard Shaw. 'Don Juan' provided in wit what 'Servants of the People' had provided in wildness and action. Shaw, with his best and sharpest scalpel, cuts up every established institution and unfounded idea in sight. The best hits of the verbal dueling were scored on love,

honor, marriage and the seven deadly virtues.

Robert Moore, as Don Juan, turned in a fine performance as a sensitive, philosophic man disgusted and bored by Hell and its ways. He finds it packed with all the irrelevancies and unrealities, pomp, glitter, and pleasure that distract men when they are alive. But he does not find it so dull that he cannot argue with the Devil about the value of everything that Shaw's Hell stands for.

Self-righteous Devil

The Devil, played by Donald Haire, is a wonderful, satiric caricature of the traditional devil of the Bible and religious tales. He comes off as a trite, self-righteous fellow who is quite hurt by Dante's and Milton's descriptions of Hell as being a place of torture and torment for wicked souls. He insists that he dedicated Hell to the pursuit of pleasure, beauty, and love because Heaven was such a dull place.

The Devil's boon companion and resident of Heaven, Don Gonzalo, acted by Phillip Bertoni, is a sportsman who lost a duel to Don Juan over the virtue of Gonzalo's daughter. He acts as a catalyst for the verbal duels between the Devil and Don Juan.

Dona Ana, Gonzalo's daughter, acted by Cindia Huppeler, gives Shaw the perfect opening for attacking his favorite institution, marriage. The fits she has when Don Juan skewers her on the subject are hilarious.

Effective acting

The acting, staged against a Hell of luminescent blues, greens, and pinks, was excellent. There was never any question as to the nature of any of the characters; the acting really emphasized the lines. The strutting and blustering of Donald Haire made the Devil seem even more foolish than did Shaw's lines. Don Juan was truly a tortured soul in Hell and Don Gonzalo was very amusing as the only tortured soul in Heaven. Dona Ana just oozed virtue and righteousness to the very end of the train of her gown. The acting of the entire company did complete justice to the quality of the plays.

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Talking Rock

By Don Davis

James Brown, who is appearing at JP's 4 pm show Saturday, is not as well known to Techmen as he should be. In addition to his steady domination of rhythm and blues charts, he has had three records in the last fifteen months make the pop charts top ten, and is leader of the top road show in show business. He is both a top soul singer and a showman.

Papa's New Bag

His 'Papa's Got a Brand New Bag' won the Grammy award as top rhythm and blues recording of 1965, defeating such discs as the Temptations' 'My Girl,' Wilson Pickett's 'In the Midnight Hour,' and Junior Walker's 'Shotgun.' These Grammy awards are based on quality rather than sales ('A Taste of Honey,' and 'King of the Road' carried off many of the 1965 awards). However, 'Papa' was also 1965's sixth best selling disc in R&B markets, according to Billboard. Along with Brown's two other recent pop-R&B hits, 'I Got You (I Feel Good)' and 'It's a Man's Man's Man's World,' 'Papa' hit the top ten on the pop charts and sold over a million copies. His discs are perennial entries on R&B charts ('Don't Be a Dropout' is currently number ten) but only his best make serious dens in the pop charts.

Showmanship

However, Brown gets written up in Time and makes appearances on the Ed Sullivan Show not because of record sales but because of the live show which he put on. He is noted for the excitement which he generates by the exaggerated motions with which he accompanies his songs and his genuine gospel fervor. His routine on 'Please, Please, Please!' is his noted; in this he gets down on his knees and prays and finally collapses from feigned exhaustion only to be pulled up and helped offstage by his aides. Brown admits that this showmanship is fake ("to get people to listen to you, you first have to get their attention"); he becomes "somebody else" on stage, but has no idea when this transformation takes place.

The James Brown Review is an entourage of 38 persons who travel around in his private bus. This includes an 13-piece band (reeds, trombone, trumpets, guitars, four drummers, piano, and organ), a male chorus, the Famous Flames, female chorus, the Fabulous Jewels, go-go girls, comics, and Brown's personal valets and bodyguards. They tour 340 days out of the year, generally more than one show per day. The reason they are not playing for the blast is that they have an

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(Please turn to Page 10)

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LSC to present Weiss's 'Marat Sade'

'Marat/Sade' will be presented by the Theater Company of Boston Monday, November 21, at 8:30 pm in Kresge Auditorium. This is the same group that is currently playing at the Hotel Touraine in Boston.

Sponsored by the Department of Humanities, the play is admission free and open to all members of the MIT community. Ticket distribution, which is being handled exclusively by the Lecture Series Committee, will begin Wednesday, November 16, at 9 am in Building 10.

'Marat/Sade' is one of Peter Weiss' great successes and, as reviewed in this paper October 25, is sure to impress the audience with its force and drama.

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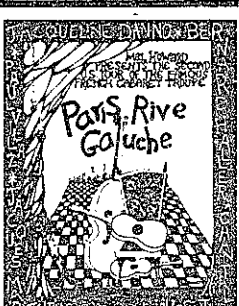
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James Brown produces excitement in shows with 'soul and sweat'

(Continued from page 9)

us here in years was caused by the appearance of James Brown... In his gold lace suit and paraphernalia. Audience stood through 2½-hour show because front seaters wouldn't sit down. . . Police had to use tear gas to keep the crowd from storming he stage."

Brown is a real musician. He plays the organ well and also plays drums, piano, bass, and guitar. He also writes (almost everything he records), produces, arranges, and heads choreography and costume design.

Brown's start

Brown began life scrounging for meals on the streets of Atlanta. His father was also a blues singer, but never got the break he needed. JB, now 34 standing 5'6", was a boxer and baseball pitcher, but gave up both when he won an amateur talent contest. His group, originally the Swaneees, but changed early to the Famous Flames, was going nowhere until they cut 'Please, Please, Please!' at a Macon radio station in 1956 and it was an immediate sensation there. Since then he has been putting out one R&B hit after another, including 'Try me,' 'Out of Sight,' 'Ain't That a Groove,' and his three recent hits. So go out and dig, soul brothers.

Correction

Due to an editor's error in the Nov. 4 issue of The Tech, the last word in the article on ballet by Ralph Earle should be "balletomane," rather than "balletomaniac," as was printed.

Movies and theatres

MOVIES

Astor—'Alfie,' 1:30, 3:30, 5:30, 7:30, 9:30.
Beacon Hill—'The Russians are Coming,' 1, 3:10, 5:20, 7:30, 9:40.
Boston Cinerama—'Russian Adventure,' Wed., Sat., Sun., 2 pm. eves. 8:30, Sun. eves. 8.
Center—'The Swinger.'
Cinema Kenmore Square—'Shameless Old Lady,' 3:45, 5:45, 7:45, 9:45.
Cleveland Circle—'Is Paris Burning,' 8:30.
Coolidge Corner Theatre—'Shop on Main Street,' 3:30, 5:45, 7:54.
Esquire—'Dear John,' 3, 5, 7, 9.
Exeter—'The Endless Summer,' 2, 3:45, 5:25.
Fine Arts—'Horse's Mouth,' 3:45, 7:10, 'Day at the Races,' 2:15, 5:30, 8:45.
Gary—'Hawaii,' mat. 2, Sun. 7:30, weekdays 8:15.
Loew's Orpheum—'La Dolce Vita,' 10:25, 1:55, 5:25, 9.
Mayflower—'The Man Called Flintstone.'

Music Hall—'The Professionals,' 10, 12, 2, 4, 6, 8, 10.
Paramount—'The Poppy is also a Flower,' 3, 5, 7, 9.
Paris Cinema—'The Sound of Music,' Wed., Sat., Sun., hol. 2:15, 8:15.
Park Square Cinema—'A Man and a Woman,' 4, 6, 8, 10.
Saxon—'Dr. Zhivago,' Wed., Sat., Sun., hol. matinee 2, eves. 8:15, Sun. 7:30.
Symphony Cinema—'Goldfinger' and 'Dr. No.'
Uptown—'The Swinger' and 'What Did You do in the War, Daddy?'
West End Cinema—'I a Woman.'

THEATRES

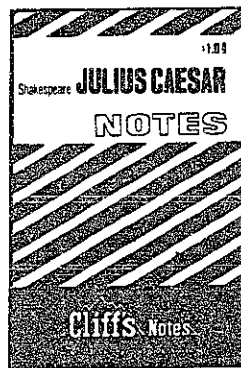
Charles Playhouse—'The Balcony,' weekdays 8:30, Fri., Sat., 9.
Theatre Co. of Boston—'Marat/Sade.'
Savoy Theatre—D'Oyly Carte performs Gilbert and Sullivan.
Shubert—'Holly Golightly.'
Wilbur—'My Sweet Charlie.'

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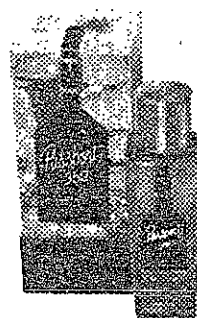


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Reality and illusion balanced in 'Balcony'

By John Montanus

Productions at the Charles Playhouse ("Boston's resident professional theatre") are seldom dull, and the current offering, Jean Genet's "The Balcony," is no exception. The playgoer will be kept wide awake just trying to unravel the reality from the illusion — which Genet seems to feel is a hopeless task anyway.

World a Whorehouse

Genet starts with the basic metaphor of the world as a whorehouse and proceeds to sprinkle his plot with sadism, masochism, par-

'The Balcony,' written by Jean Genet, directed by Ben Shakhtman, starring Gerald E. McGonagall and Olympia Dukakis, is playing at the Theatre Company of Boston.

noia, homosexuality, castration, and good old smut in his attempt to show the interdependence of vice and virtue, being and function, truth and fantasy. And one need not agree with Genet to be bothered by the persuasive force of his argument of the inhumanity of man, especially civilized man.

The staging at the Charles Theatre reflects the starkness of

the play. A single Y-shaped platform is the only fixed setting, the lighting is somber, and the costumes are almost harshly plain except for the brilliant robes worn by Madame Irma's "guests" as they act out their elaborate fantasies.

The play must be difficult to perform, because of the constant shifting from "reality" to "illusion" — the acting-within-acting which complicates the whole play. In general, the Charles people were good, with some characterizations and some scenes really excellent. Irma Dukakis was variable in the long role of Irma, mistress of the whore house. At times she seemed too much caught up in her own illusions — though the balancing of that role must be very difficult. Her final scenes were fine, though.

Reality and Illusion Balanced

Louis Zorich put in a good performance as the chief of police who wants to be a hero, another role where reality and illusion tend to be delicately balanced. Sometimes his heartiness sounded false, but otherwise his performance was reasonably convincing.

In the roles more sharply divided between illusion and reality, or restricted wholly to illusion, some of the performances were beautifully handled. I might single out the nice contrast in the judicial fantasy between Jill Clayburgh's sensuous, writhing Penitent and Gwyllum Evans' prissy, unctuous Judge; or, again, the fire in Micki Grant's portrayal of Chantal, the whore-turned-rebel who symbolizes the revolution taking place outside the whorehouse walls.

Too much of the plot should not be revealed to potential theatre-goers — much of the play depends on its shock value, the stimulation of its impact. The Charles Playhouse production is both entertaining and provocative, and deserves a hearing by students willing to be a bit disturbed by a play.

Ford Foundation sponsors Wilson

The Ford Foundation has named Assoc. Professor of Engineering Gerald L. Wilson, as one of twenty-two professors who will spend a year to fifteen months gaining experience in industry at high levels of decision-making.

The residency awards, made under a \$360,000 program begun in 1964, are designed to help counterbalance a tendency towards abstractness in technological education by encouraging a closer relationship between engineering teaching and practice.

Each resident will work as a paid employee of a company on projects involving the planning and execution of engineering work and will be assigned essential company tasks designed to strengthen his professional growth. Prof. Wilson will be working for the American Electric Power Service Corporation of New York.

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ACTIVITIES '66 SPOTLIGHTS Tangent

By Ron Kole

Tangent, MIT's literary magazine, shows promise of becoming a better organized, better produced, more diversified, and therefore more valuable activity on campus. The first step in this process is a realization of where improvement is needed, followed by plans to meet the need. Editor Jim Archer has such plans. Immediate plans to improve the physical appearance of the magazine have been put in the hands of Paul Zilber. In recent issues, there have been such small, but important, mistakes as uneven lines of type and different type faces on different pages. These are being remedied by putting all of the physical aspects under one man's supervision.

Tangent has also acquired the services of Jill Wittels, who will be doing illustrations for the current issue. The addition of illustrations to the copy is designed to complement the writing.

There is also a movement afoot to change the scope of Tangent from a strictly MIT literary magazine to one publishing talent from many sources. The staff is working now on establishing an inter-collegiate form of magazine. As a first step in the right direction, the current issue will contain a short story and a poem submitted by Wheaton College. Similar co-operation from other schools would result in really valuable magazine encompassing the atmospheres and points of view of many areas.

The structure of Tangent is very free concerning the submitting and editing of material. Anyone's work will be gladly accepted and reviewed. The reviewing is also open to anyone. Any student with a free moment can stop by the Tangent office to read over

and comment on any of the new material. This is the way many editing decisions are made. Acceptances or rejections don't depend on just the editorial board alone, but rather on the opinions of any number of people who read the work.

Tangent's structure gives rise to a high turnover rate. There is always room for new faces, simply to read material. There is room at present for a business manager. Jim Archer encourages and looks forward to seeing new people in the Tangent office where the opportunities to join in are unlimited.

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Yacht racing symposium scheduled for tomorrow

A day-long symposium on the technical state of the art of yacht racing will be held tomorrow in the Kresge Auditorium Little Theatre. The symposium, sponsored by MIT's Department of Naval Architecture and Marine Engineering, will begin at 9:30 with a morning session moderated by William A. Baker, Curator of the Hart Nautical Museum.

The afternoon session will be moderated by Dr. Patrick Leehy, Associate Professor of Naval Architecture.

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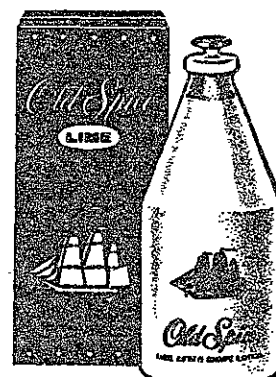
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(Continued from Page 6)

tablish shrines in which they may practice their sacraments. Outside of their shrines, Leary feels, people may be arrested for what others consider generally unacceptable practices. In these shrines, however, no legislation should be able to interfere with a person's "divine right."

Zinberg speaks

Dr. Zinberg divided drug-takers into two distinct groups "the oblivion-seekers" and "the experience-seekers." The oblivion-seekers "usually came from socially deprived backgrounds and had very specific personality types." These are the hard-core addicts who have courted crime and immorality all their lives.

"The experience-seekers, as a group, have a terrible fear of lifelessness. They are terrified of missing something, of not really living to the full. They use all sorts of drugs... but they rarely use heroin." Unlike the oblivion-seekers, they do not expect to become addicted. This group would include the LSD-users.

Zinberg felt that a major prob-

lem is that the drugs are too often romanticized in communications media and, unintentionally, by the "hard school of lawmakers." The public, noted Zinberg, is getting the impression that "if drugs are so sinful, they must be fun."

In the question-and-answer period, Leary was asked why in his interview with Playboy magazine he concentrated so highly on the sexual aspects of taking LSD.

Leary answered that the magazine used only a part of a much longer interview, and then commented, "If I had been interviewed by Sports Illustrated..."

Leary commented that persons who plan to use LSD must first train themselves for the experience, that they must be prepared. As a religious sacrament LSD is used by all members of the religion over seven years of age. Leary told his own children, he would rather have them take LSD than smoke or drink.

In answer to a final question concerning the possibility of achieving consciousness-expansion without the use of LSD, Leary returned, "There are thousands of roads within."

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A capsule history of Field Day

When the classes of 1969 and 1970 go at it Friday morning on Briggs Field, they will be continuing a tradition that started back around the turn of the century. Before the advent of Field Day hostilities, however, there was an even more riotous series of events culminating with the now defunct Cane Rush.

Cane Rush started with all the freshman given canes which they were to protect from the sophomores. Then a pistol shot rang out and the affair began. Fifteen minutes later, another pistol shot, and everything was over. But for those fifteen intervening minutes all hell broke loose. In 1900 a tragic fatality, accompanied with a near death, ended Cane Rush forever.

Field Day Begins

The following year Field Day was substituted for Cane Rush. A victory trophy was awarded to the winning class. The first trophy was inscribed with the following:

"He who shuns the dust and heat of the arena shall not enjoy the cool shade of the olive branch of victory."

Following World War I, Field Day was a two day affair. The opening night festivities began in a local theatre and usually evolved into a real street fight centered on either side of the river. Trouble with law enforcement authorities forced the discontinuance of this practice.

The Riot of '26

From 1923 to 1926 Field Day began with the Sophomore Banquet. The frosh were supposed to disrupt the proceedings of this stately affair using some ingenuity. In 1926 they did a little too much disrupting, and the outcome is now referred to as the Tech riot. So favorably impressed with the conduct of the Techmen were the people of Boston, that the Boston Post ran an editorial condemning the smashing of windows, wrecking of dance halls, raiding of autos, and destroying of subway stations. The editorial even went so far as to imply that Techmen were of the same caliber as hoodlums.

The Glove Fight

Thus, the glorious glove fight, now the main event of Field Day, was born of social pressure. It was hoped that by confining most of the activities to a small area, most of Boston could escape the wrath of the fierce combatants.

In the 30's, a favorite pastime of partisan spectators was the throwing of garbage onto the field of combat. Most of the garbage found its way back to the spectators, many of whom were quite innocent. Anyway, the practice of throwing refuse was discouraged

by the administration and soon died out.

Since the inception of Field Day as we know it many ingenious pranks have helped turn the tide of the day. In one fracas, the sophomores tied an extension to their end of the tug of war rope and tied the extension to a nearby telephone pole. Needless to say, they won. It hasn't been decided whether the judges saw the trick or not.

In another incident, sophomores drenched the freshmen in beer after the frosh had been "captured." Things quickly broke up when the frosh reinforcements arrived carrying skunks.

Prior to 1957, Field Day also encompassed athletic events testing the skill as well as the brawn of the competing classes. Tackle football, crew races, and swimming relay races were as much a part of field day as the tug-of-war. However, in 1957, the Athletic Association discontinued Field Day, in response to the growing number of injuries to varsity athletes.

The next year, Beaver Key, the Junior Class Honorary, reinstated Field Day under their jurisdiction. A series of events was designed to test the ingenuity, organization, and degree of participation of the competing classes.

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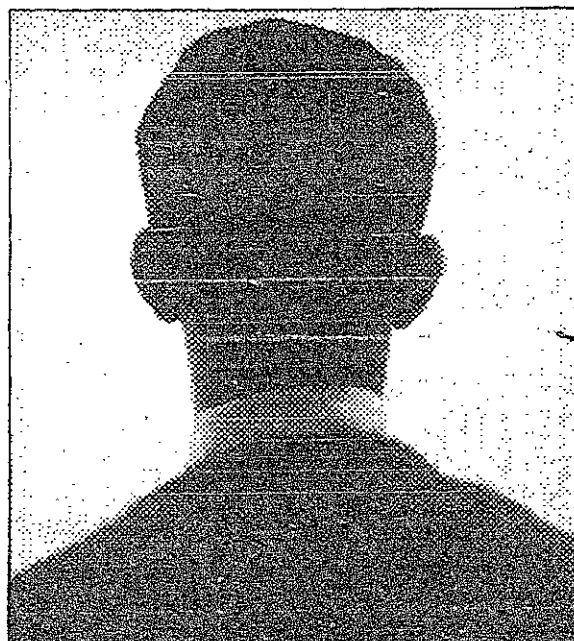
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Who is the Ale Man of the Year?

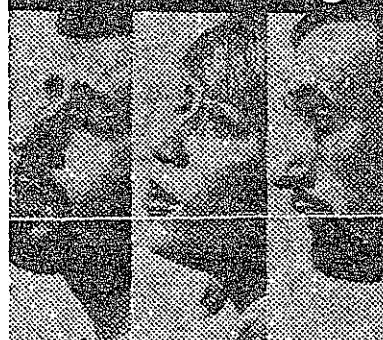


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November 17

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Technical representatives of The MITRE Corporation will be conducting interviews on campus November 10, 1966

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Host Fairfield next

Tech ruggers win twice

The MIT Rugby Club, which has had a mediocre season thus far, showed a notable return to form Saturday as they scored resounding victories over Hartford RFC and URI. Both games were played at MIT.

The first fifteen ran over Hartford, finally winning 18-3. The forwards were always well up and able to gain control of the ball in the loose. This in turn enabled the back line to score several times. Hartford opened the scoring with a 3 point penalty goal, but wing Greg Wheeler '67 soon put Tech even with a fine try down the touchline. Club captain Walter Greaves (G) put MIT ahead with a try, converted by Jim Ashton (G). Brilliant short passing by the forwards led to Dave Eisenhaure '67 bullocking over, and the try was again converted by Ashton. To round out the scoring, Bob Degon (G) scored after a 55 yard solo run on the left wing, breaking two defensive tackles, and the conversion was by Fortmann.

The second fifteen opened their scoring early with a penalty kick by Lee McDonald-Wakeman (G). Rhode Island evened the score with a brilliant try which caught the MIT defense looking, but Chuck Nelson (G) put the engineers ahead in the second half with a power rush from a scrappy

forward melee near the line. Shortly before no side was called, McDonald-Wakeman clinched the game with a fine try, making the final score 9-3.

Next Saturday's games are against Fairfield U. at home. If the ruggers are still sharp, the

games should be well worth watching. The fall season will be rounded out with matches against Harvard November 19 at Harvard and the traditional 7-a-side tournament of the Eastern Rugby League in New York City over Thanksgiving weekend.

Wiesner supports Richardson in Mass. Attorney General race

Dr. Jerome B. Wiesner, Provost, was among six former officials in the Kennedy Administration to declare his support for the Republican candidate for Massachusetts Attorney General, Elliot Richardson.

No confidence in Bellotti

A collective statement issued Friday proclaimed that the group had little confidence in Richardson's Democratic opponent, Francis X. Bellotti, and added that Richardson "has the courage and dedication necessary to pursue the standard of excellence in government shown by our experience to be essential to the state."

Other Democrats who did not take a stand in favor of Richardson explained that "if there had been a more acceptable Democratic candidate, the group might not have taken a formal stand as they did."

Others supporting Richardson in addition to Wiesner, who was a former White House science advisor, were former Solicitor General Archibald Cox, former legal advisor to the State Department Abram J. Chayes, and Adam Yarmolinsky, once special assistant to Secretary of De-

fense McNamara — all three now professors at Harvard Law School. The two others were former Ambassador to India, John Galbraith, and former Ambassador to Japan, Edwin O. Reischauer, both professors in Arts and Sciences at Harvard.

Registered Democrats

The group's endorsement was most surprising because five of its members are reportedly registered Democrats. Most of them later added that they would support other Democratic candidates.

Whitewater Club shows kayak film

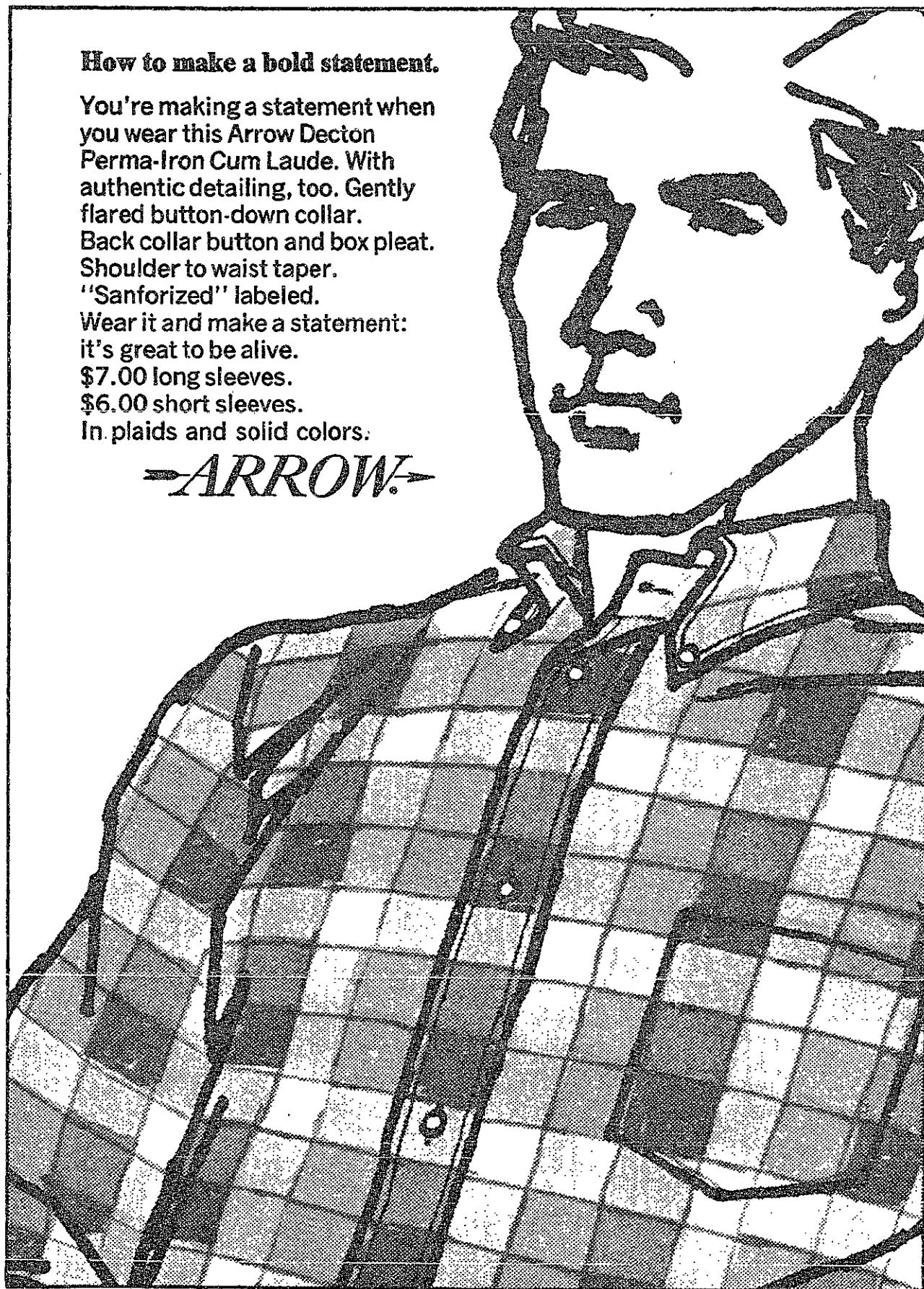
MIT's Whitewater Club will show a film on kayaking at an open meeting one week from today. The film, "Beginner's White Water Kayaking," should be of special interest to those people just starting the sport of white water canoeing and kayaking.

Cider and doughnuts will be served during the discussion after the film. This is the third meeting of the term for the Whitewater Club, and it will be held in room 407 of the Student Center at 8 p.m. Admission charge will be 25 cents.

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Sailors win Priddy Cup; Milligan takes 3 firsts

By Stan Kask

MIT's freshman sailing team came from behind to win handily the Priddy Cup, the coveted trophy of the Freshman Single Crew Championships. The regatta was held at the Coast Guard Academy over the weekend. Two elimination heats were run Saturday and a round-robin final took place Sunday. Coach Ed Shaw picked Steve Milligan to sail as skipper, with Bob Berliner and Tony Picardi as alternate crew members.

The weather was sunny and clear Saturday with winds about 10 mph. The Tech boat had no trouble defeating their opponents in the elimination round and joined the Coast Guard, Dartmouth, Brown, Harvard, Tufts, Colgate, URI, Yale, and UConn in the finals.

Sunday was a different story. The rain and high winds, 15-25 mph, threatened completion of the regatta. However, conditions did not get worse and the Engineers came through unscathed. In the first race, Milligan finished second, then he came in third. At this point things were looking bleak for MIT. In the third race Tech's doom appeared to be sealed when the tiller extension broke and the boat almost capsized. The crew rigged it with a string and went on to win the race and take the overall point lead. From that point on, everything went right for the engineers.

They won the fourth and fifth races, and finished second in the final heat.

Final Standings			
1. MIT	49	5. UConn	24
2. Brown	43	6. Yale	24
3. Cst Guard	40	7. Harvard	22
4. Dartmouth	37	8. Tufts	14

Kickers defeat UConn

Tech's frosh soccer team finished their season with a stunning 3-2 victory over the University of Connecticut Saturday. The defense and offense functioned nearly perfectly, providing a rewarding finish to a tough 1966 season.

From the outset, it appeared the game would be an offensive show of power. The engineer's Bob Busby scored after one minute. This was followed by a quick UConn goal. Chris Mar scored a little later in the period, and this was again followed by a UConn score. From that point on, however, the contest turned into a defensive battle, centered around the Tech goalie, John Gerth. Gerth played another remarkable game, allowing only two goals and making seventeen saves.

With five minutes left in the fourth period, Bob Busby took a shot that bounced off the top of the goal, then in and out. It was a play similar to one which decided the Worlds' Cup Championships last year. The referee declared the goal good, and the frosh won 3-2, to finish the season with a 3-5 record.

IM Football defensive stars named

By Herb Finger

No All-Star selections would be complete without a defensive lineup. The dream team's defensive eight would cause havoc with any team around. They have plagued quarterbacks with their timely interceptions. These eight men would be a dream come true for any football coach.

Linebackers

The IM Football All-Stars defensive team boasts three strong linemen who have troubled backfields throughout the season.

Middle-guard—Ralph Schmitt

'66 of SAE often was used more in the offensive backfields than some of the backs. Schmitt's speed and agility made him a tough target for opposing blockers.

Right end—Walt Suchon '69 was one of the strongmen of the DU defense. He and his cohorts gave rival quarterbacks nightmares. Walt's big frame, good size and mean disposition make him a standout.

Left end—Ed Jakish of Delts '67 was considered the best defensive lineman in IM football. Ed re-

fused to be moved by the opposition, stopping running attacks and rushing passers.

Linebackers

Our linebackers are two of the smartest football players on any football field. Their foresight often made them the recipients of stray passes.

Art VonWaldsburg '67, Delt middle linebacker, turned many a threatening situation into a Delt TD.

Bill Watson '63 has been with SAE for eight years. The knowledge he has gained has made him one of the top defensive captains. He was always in the right place at the right time.

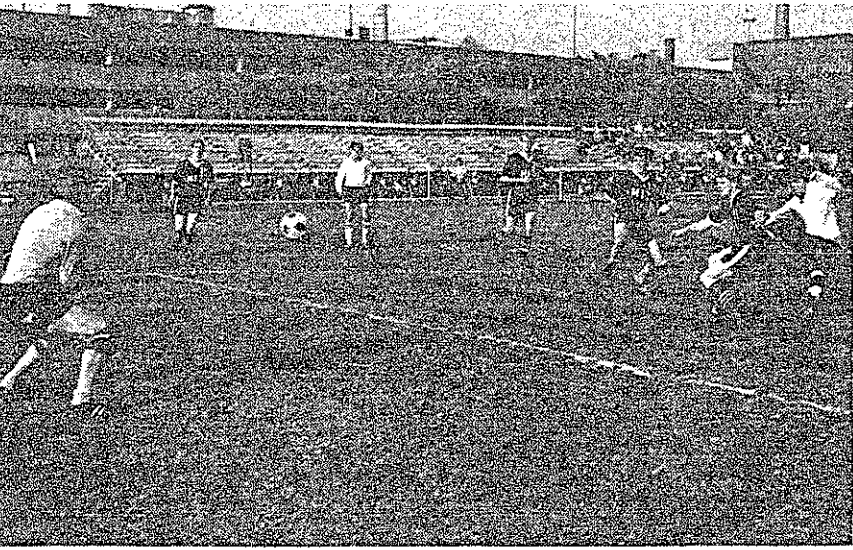
Safeties

Our three deep backs are blessed with excellent speed and sure hands. Steve Schroeder '67 (BTP) capitalized on every possible situation. Schroeder was one of the leading defensive scorers in the league. His defensive performance turned many plays into offensive spectacles.

Tom Chen '68 was the second third of the Beta secondary. Along with Schroeder, Chen rarely let a completion through, keeping opposing ends on their toes.

Bruce Wheeler '70 is the final addition to our All-Star lineup. Bruce was tops on interceptions on the SAE defense. With at least three more years of eligibility left, Bruce will certainly tighten up the SAE deep secondary.

Booters fall to UConn, 6-1; win four in 11 game season



Goalie Roy Talus '67 prepares to block a UConn shot as Jeff Weissman '69 (#15), Dave Dimlich '68 (#25), Carl Evereff '69 (#17), and co-captain George Jones '67 (#11) look on. MIT dropped the match, 6-1.

Photo by Jeff Reynolds

by Paul Baker

Coach Bill Morrison's varsity booters ended their season on a losing note this weekend as UConn. overwhelmed MIT 6-1 on Briggs Field.

From the outset, it was a bleak day for the engineers. Connecticut scored its first goal within the first three minutes, and from then on the outcome of the contest was never in doubt. Connecticut's high powered offense rolled over the MIT defense and scored three times in the first period and once again in the second period.

Goalie Roy Talus '67 was replaced by Bill Flor '67 in the third quarter after the fifth goal was scored against him. Talus did not have an exceptionally bad day, but was victimized by the high number of shots UConn. had at the goal. Flor allowed one goal in the remainder of the third quarter and the entire fourth period.

The only bright spot of the afternoon for Tech came in the second half, when Sonny Alexis '68 booted the ball into the upper right hand corner of the net for Tech's lone score.

MIT completed the year with a 4-6-1 record, a slight improvement over last year's 3-7 won-lost column. With the return of such standouts as Bayo Ajadi '68, Gav-in Clowe '68, Carl Everett '69, and Joe Kadich '69, an even better season is anticipated for next year.

Pocket billiards tourney reaches quarterfinals

by Chip Schroeder

With only eight players still undefeated in the MIT pocket billiards tourney, competition is getting stiffer for each player. An example of this was the match between Alan Greenfield '69 and Fred Aramaglia '69. Both played slowly and carefully. After three hours Greenfield emerged victorious by a score of 125-124. The match between Stuart Schulman '68 and defending champion Doug Friedman '67 was also close for the first sixty points. Friedman then found his game and ran 20 at one point in the match to pull far out of reach of Schulman.

Another careful player, Tommie Ellis '67, had no trouble in his match. John Weare '68 beat Paul Malek '70 in a close game. Another long and carefully planned game was won by Eduardo Le-may deSa.

Several spectators were on hand to watch the matches and to see some well played pocket billiards. With the quarterfinals coming up, some very fine matches are expected. All the players will be trying to reach the finals, which will be held in the Sala de Puerto Rico and will be televised next month.

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NEISA Fall Regatta

Coast Guard edges Tech

by Jeff Goodman

Tech sailors tied Coast Guard in the 26th Fall Intersectional Invitational Regatta on the Charles River Basin Saturday and Sunday, but lost the decision to Coast Guard because Coast Guard had beaten MIT more times this year than Tech had beaten Coast Guard.

The regatta was called off before completion Sunday afternoon because of the weather. At this time both Tech and Coast Guard

had accumulated 254 points. Harvard placed third with 249 points. Other competing schools were Brandeis, URI, Brown, Cornell, Marist, and Tulane, who flew in from New Orleans.

Two Divisions Raced

A and B division boats were raced; the A boats were Tech dinghies and the B boats were Harvard interclubs. Chet Osborn '67 was high point skipper for the A class with four firsts, three seconds, and four thirds. Chet

engaged in a real duel for high point skipper with A skipper Dave Halvestadt, a former Naval Academy student who transferred to Brandeis. Dick Smith '69 crewed in the A division. Joe Ferreira '67 battled Jim Getman from Coast Guard in the B division skippers. Tom Maier '67 crewed for Joe.

There was a full range of wind conditions from light to very heavy during the course of the day Saturday. This provided an excellent test of skill for the sailors. Winds were heavy Sunday at about 20 mph. Sailing conditions were cold and brutal, as four interclub masts broke.

When a team's mast breaks, they receive "breakdown" points based on their average points per race. At the time when a Coast Guard boat broke down their average was 11½ points, which brought them into a tie with MIT. Had Coast Guard been awarded their exact average of 11½ points, MIT would have emerged the victor by one half point.

IM Basketball swings into action; Lambda Chi Alpha defends title



Photo by Herb Finger

Chick Chotkowski '68, Lambda Chi Alpha center, sets for a free throw late in the fourth quarter of their game against Senior House. The Lambda Chi's had little trouble as they demolished the Senior House squad, 69-20.

The IM basketball season gets into full swing this week as most of the 65 teams will see action by Thursday. The three undergraduate leagues started their schedule Sunday, while the two graduate divisions are still being formed. It is not too late to enter a team in the graduate division. Manager Herb Finger '68 is also still looking for competent referees.

Games this week are:

Tuesday, 7:15
Burton A vs SAE D
Sig Ed B vs Pi Lam B
SAE E vs Phi Kappa Theta
ZBT vs Phi Delt B
Tuesday, 8:30
Burton B vs Beta

Theta Chi A vs SAM B
Chi Phi vs Burton D
Burton E vs Baker D

Wednesday, 7:15
AEPI A vs DU
TEP vs Senior House G
AEPI B vs Bextley
Theta Chi vs Phoenix

Wednesday, 8:30
Phi Delt A vs Fili A
EC A vs Deke
Club Mediterranean vs OLD
Baker C vs EC Weasels

Thursday, 7:15
NRSA vs Sigma Chi
Thursday, 8:30
Pi Lam A vs Senior House

Lambda Chi Alpha will enter another strong team in defense of the title they captured last year in a final game win over Sigma Alpha Epsilon. Burton House, AEPI, Fili, and Pi Lam should be strong contenders.

MIT Bridge Club lists winners

Results of the Bridge Club's master point game for November have been announced. North-South winners were: 1. Mike Chasan '67 and Mark Bolotin '68; 2. John Hrones '68 and Jeff Passel '69; 3. Bob Cohen '66 and Marty Levin '67; 4. Wayne Porter '66 and Mike Sheffer '69.

East-West winners: 1. Dave Beer and Ken Lebensold; 2. Henry Seltzer '67 and Ed Fiala '66; 3. Peter Lee '70 and Marc Miller '69; 4. Ngok Ming Cheung '68 and Dave Olson '68.

The next game for the Club will be held at 1 p.m., Saturday, November 19, in room 407 of the Student Center.

How They Did

Soccer
UConn 6, MIT (V) 1
MIT (F) 3, UConn 2
Sailing
MIT (V) finished 2nd in Schell Trophy
MIT (F) finished 1st in Priddy Trophy

On Deck

Friday, November 11
Sailing (V)—Oberg Trophy at Northeastern
Saturday, November 12
Sailing (V)—Fowle regatta at Coast Guard
Sunday, November 13
Sailing (V)—Fowle regatta at Coast Guard and Staake regatta at Tufts
Monday, November 14
Cross Country (V&F)—ICAAAA in New York